

IN THE SPECIFICATION:

Please amend the paragraph starting at line 14 of page 12 of the specification and ending at line 21 of the specification as follows:

Public domain GeneChip® data describing the yeast cell cycle (~~downloaded from~~  
<http://genomics.stanford.edu>) (retrieved from a database found in Stanford University's website  
under the link [genomics.stanford.edu](http://genomics.stanford.edu)) was chosen to validate the fuzzy logic algorithm. Since  
the yeast cell cycle is a tightly regulated process at the genetic level, the expression data was  
expected to show detectable relationships among different genes that might be detected via fuzzy  
logic algorithm. Also, years of experimental work on yeast has generated an extensive body of  
biological data describing many of the proteins in the organism, allowing the confirmation or  
dismissal of findings based on data in the literature.